Proposed Recipient: Advanced Bio-engineering for Enhancement of Soldier Survivability Program
Amount: $5,000,000
Contact: Robert Knotts, Director of Federal Relations, Georgia Institute of Technology, 601 13th Street, N.W., Suite 300 North, Washington, DC 20005
Explanation: The program will provide funding for research in advanced tissue development, bone regeneration, wound care, and treatment issues relevant to military trauma care. Fundamental research advances in these areas can lead to technologies and techniques for better immediate clinical combat care as well as address long term care issues involving limb loss, tissue and organ damage, facial and dental injuries, and reconstruction.

Proposed Recipient: Advanced Carbon Hybrid Battery for Hybrid Electric Vehicles
Amount: $1,000,000
Contact: Paul Cheeseman, Vice President, Worldwide Research Development & Engineering, Exide Technologies, 3639 Joy Road, Columbus, GA 31906
Explanation: The program will fund the research and development of advanced batteries for hybrid vehicles that will decrease America's dependence on foreign oil, reduce carbon emissions, and increases the US national security.

Proposed Recipient: Advanced Lithium Battery Scale-up and Manufacturing
Amount: $1,500,000
Contact: Dr. Lonnie Johnson, Johnson Research and Development, 263 Decatur St., Atlanta, GA 30312
Explanation: The program will provide funding for optimizing and refining battery performance, maximizing the design flexibility and modularity of the battery pack system, and retrofitting existing facilities for mass production. This technology shifts the paradigm in battery performance by delivering over five times the performance of the current state of the art lithium battery.

Proposed Recipient: Advanced SAM Hardware Simulator
Amount: $6,000,000
Contact: Tom Horton, Chief of Staff, Georgia Tech Research Institute, 400 W. 10th Street, NW, Atlanta, GA 30332
Explanation: The funding will be used to develop an advanced hardware Surface to Air Missiles (SAM) simulator system that will help the intelligence community make an in-depth assessment of the Chinese and Russian SAM systems and how to counter them.

Proposed Recipient: Avionics Component Improvement Program (AvCIP)
Amount: $3,200,000
Contact: Steve Erlich, 324 Corder Road, Warner Robins, GA 31088
Explanation: The program will provide funding to develop, integrate and test solutions to address critical readiness and reliability deficiencies, obsolescence, loss of sustainability, and top repair cost drivers within in-service avionics systems. It significantly lowers the costs of maintaining and supporting avionics and aviation programs as systems age.

Proposed Recipient: Blood and Marrow Collection Fellowship
Amount: $2,500,000
Contact: Regina Knox Woods, Vice President, Government Affairs for the Washington Metropolitan Area, Georgetown University Hospital, Hospital Administration, 3800 Reservoir Road, NW, Washington, DC 20007
Explanation: The program will provide funding for a new fellowship program that will train in the critical task of obtaining marrow and peripheral stem cell blood products for transplantation in donors.

Proposed Recipient: Botulinum Toxin Treatment Therapy
Amount: $1,000,000
Contact: George Olyler, Synaptic LLC, 1448 South Rolling Road, Baltimore MD 21227
Explanation: The funding will be used for the development of new therapies for botulinum toxin poisoning and to protect the civilian population against other bioterrorism threats.

Proposed Recipient: C-37B Program
Amount: $70,000,000
Contact: Win Shaw, Director, Government Relations, Gulfstream Aerospace Corporation, 500 Gulfstream Road, Savannah, GA 31408
Explanation: The program will provide funding for the acquisition of a C-37B aircraft in conjunction with the Air Force's effort to modernize the Operational Support Aircraft (OSA) fleet.

Proposed Recipient: Cognitive Based Modeling & Simulation for Tactical Decision Support
Amount: $1,000,000
Contact: Timothy Mescon, President, Columbus State University, 4225 University Avenue, Richards Hall, Columbus, GA 31907
Explanation: The funding will explore cognitive map-based modeling and simulation to support tactical decision-making by military planners in training and operational scenarios.

Proposed Recipient: Common Logistics Operating System (CLOE)
Amount: $2,000,000
Contact: Beth Rossman, Director, Government Relations, Honeywell, 101 Constitution Avenue NW, Suite 500 West, Washington, DC 20001
Explanation: The funding will be used to develop CLOE—the software design that develops and provides data standards and theoretical architecture for Conditioned-Based Maintenance Plus (CBM+). CLOE enables CBM+ to increase predictive maintenance reliability, decrease corrective actions, and achieve an estimated 30% reduction in maintenance costs across a fleet.

Proposed Recipient: Cooperative Developmental Energy Program (CDEP)
Amount: $500,000
Contact: Dr. Daniel K. Wims, Vice President for Academic Affairs, Fort Valley State University, 1005 State University Drive, Fort Valley, GA 31030
Explanation: The program will provide funding for a partnership with the Museum of Aviation Foundation that will develop and implement new energy investment strategies and best management practices for energy and water conservation.

Proposed Recipient: Darton College Customized Nursing Programs
Amount: $1,000,000
Contact: Kathryn Bishop, Darton College, 2400 Gillionville Road, Albany, GA 31707
Explanation: The funding will continue the development and implementation of a nursing program tailored for military personnel working as medics, licensed practical nurses, or emergency medical service personnel.

Proposed Recipient: Demonstration and Validation of Renewable Energy Technology (DVRT)
Amount: $1,000,000
Contact: Dr. Everette Freeman, President, Albany State University, 504 College Drive, Albany, Georgia 31705
Explanation: The funding will be used to develop technology that employs a "spin" gasifier which will convert lightweight solid wastes into clean syngas containing combustible gases including carbon monoxide and hydrogen, with the eventual outcome being the increase in the availability of domestic renewable energy as a replacement for imported hydrocarbon fuels for both the military and civilian markets.

Proposed Recipient: Development of a Model for Green Laboratories and Clean Rooms for the Army to support the mission of the US Army Medical Research Command (USAMRMC)
Amount: $1,500,000

Contact: Ms. Kimberly Brown, President, Amethyst Technologies, 1450 South Rolling Road, Suite 2041, Baltimore, MD 21227
Explanation: The funding will be used for a quality program developed for the creation, renovation, maintenance, and quality testing of biotechnology facilities to ensure activities are performed correctly and to exacting standards.

Proposed Recipient: Dr. John H. Hopps Defense Research Scholars Program
Amount: $1,500,000
Contact: Ms. Denise Moore, Director of Government Relations, Morehouse College, 830 Westview Drive SW, Atlanta, GA 30314
Explanation: The program will provide funding for the advancement of federal and DOD goals to develop doctoral minority students in the science, technology, engineering, and mathematics (STEM) disciplines for careers in the defense research sciences.

Proposed Recipient: Execution of a Quality Systems Program for FDA Regulated Activities at the US Army Medical Research Command (USAMRMC)
Amount: $1,500,000
Contact: Ms. Kimberly Brown, President, Amethyst Technologies, 1450 South Rolling Road, Suite 2041, Baltimore, MD 21227
Explanation: The funding will be used to develop a unified program in the Army that complies with FDA requirements, ensures patient safety, consolidates required services, and reduces cost to the Army.

Proposed Recipient: F-16, Block-42 Engine Upgrades
Amount: $53,000,000
Contact: Chris Peace, Director, Government Relations, United Technologies Corporation, 8801 Macon Road, Columbus, GA 31908
Explanation: The program will provide immediate, improved combat capability to F-16 Block 42 units by funding to upgrade the Oklahoma and Ohio Air National Guard Block 42 F-16s engines with F100-PW-229 engines.

Proposed Recipient: Fort Benning National Incident Management System (NIMS)
Amount: $5,200,000
Contact: Kerry Fehrenbach, Executive Manager, Strategic Relations, Intergraph Corporation, 170 Graphics Drive, Madison, AL 35758
Explanation: The program funds a NIMS-compliant installation operations center which provides a unified approach to incident management, standard command, and management structures, as well as supports Homeland Security directives by providing interoperability and

cross-jurisdiction capabilities among local and multi-state response agencies.

Proposed Recipient: Global Supply Chain Management Program
Amount: $1,500,000
Contact: Dr. Everette Freeman, President, Albany State University, 504 College Drive, Albany, Georgia 31705
Explanation: The funding provides specialized training for the nation's supply chain logisticians who are critical to efficient military logistical operations and ensures that the workforce and the technical capabilities for the nation's supply chain management remain competitive in the global market.

Proposed Recipient: Grady Health Systems
Amount: $2,000,000
Contact: Tish Towns, 80 Jesse Hill Drive SE, Atlanta, GA 30303
Explanation: The funding will develop and install a web-based, patient management and tracking system for use in national emergency or regional disaster response.

Proposed Recipient: JSTARS Re-Engining Program
Amount: $81,000,000
Contact: Chris Peace, Director, Government Relations, United Technologies Corporation, 8801 Macon Road, Columbus, GA 31908
Explanation: The program will provide funding for the replacement of E-8C Joint STARS aircraft engines that do not meet current performance, safety, reliability or emissions standards with JT8D-219. Replacing JT8D engines in E-8C aircraft improves radar coverage, reduces noise and emissions, and greatly decreases life cycle costs.

Proposed Recipient: Nanophotonic Biosensors
Amount: $1,000,000
Contact: Griff Doyle, Director of Federal Relations, University of Georgia, Department of Infectious Diseases, 111 Carlton St.—AHRC, Athens, GA 30602
Explanation: The funding will be used to develop nanophotonic biosensors to facilitate direct, rapid, and extremely sensitive detection of bioagents and pathogens using surface enhanced Raman spectroscopy. This important work in biosensors is applicable for detecting biological and chemical agents during a bioterrorism attack and combating infectious diseases.

Proposed Recipient: Net-Centric Decision Support Environment, Sense and Respond

Logistics
Amount: $2,500,000
Contact: Beth Rossman, Director, Government Relations, Honeywell, 101 Constitution Avenue NW, Suite 500 West, Washington, DC 20001
Explanation: The funding will be used for a program that predicts, anticipates, and coordinates logistics actions and provides war fighting advantages and efficiencies by enabling logistics entities to support evolving battlefield requirements with greater agility.

Proposed Recipient: Product Data Transformation Support Project (PDTS)
Amount: $8,000,000
Contact: Jim Kiracofe, Vice President, Defense Systems, Business Development, IHS Global Inc., 15 Inverness Way East, Englewood, CO 80115
Explanation: The program will provide funding to ensure that the weapon systems data used to support heavy maintenance operations is transportable across the entire US Air Force.

Proposed Recipient: Saft High Energy Li-Ion Technology for Aviation Batteries
Amount: $1,500,000
Contact: Tom Alcide, President, Saft America Inc., 711 Industrial Boulevard, Valdosta, GA 31601
Explanation: The funding will be used to provide battery technology that increases fuel efficiency, operational effectiveness, and cost savings.

Proposed Recipient: Sensor Tape Physiological Monitoring
Amount: $2,500,000
Contact: Theresa H. Peterson, Manager External Affairs & Technology Programs, Director of Global Relations, GE Global Research, 1299 Pennsylvania Ave NW, 9th floor, WDC, 20004
Explanation: The funding will be used to develop a widely deployable and clinically useful physiological monitor that will improve the health and safety of the warfighter by examining previously “unmonitorable” physiological settings on the battlefield and beyond.

Proposed Recipient: Soldier Center at Patriot Park-National Infantry Foundation
Amount: $5,000,000
Contact: Greg Camp, 3311 Cathryn Drive, Columbus, GA 31906
Explanation: The program will provide funding for the Soldier Center at Patriot Park, which will serve as a key education facility for Soldiers and a key graduation site for all Infantry and Armor School Soldiers.

Proposed Recipient: Sustainment, Restoration & Modernization (SRM) Project
Amount: $4,655,000
Contact: Michelle Doyle, Georgia Department of Defense, Georgia Army National Guard, Building 655, 1000 Halsey Avenue, Marietta, GA 30060
Explanation: The program will provide funding to support infrastructural needs required by the command structure of the Georgia National Guard and the 122d Regional Training Institute.

Proposed Recipient: Threat Electronic Intelligence (ELINT) Test Capability
Amount: $1,000,000
Contact: Tom Horton, Chief of Staff, Georgia Tech Research Institute, 400 W. 10th Street, NW, Atlanta, GA 30332
Explanation: The funding will be used for a program that will provide simulation of enhanced, foreign-threat signal and electronic intelligence systems in order to test and evaluate Army weapon systems against evolving enemy electronic intelligence.

Proposed Recipient: Thurgood Marshall College Fund Defense Leadership and Mission Critical Technology Initiative
Amount: $1,500,000
Contact: Dwayne Ashley, Thurgood Marshall College Fund, 80 Maiden Lane, Suite 2204, New York, NY, 10038
Explanation: The program provides funding for scholarships, leadership development, capacity building, research, and programmatic support to 47 public Historically Black Colleges and Universities in 22 states, the District of Columbia, and the U.S. Virgin Islands.

Proposed Recipient: User Evaluation of Land and Sea Special Operations (LASSO) Vehicles
Amount: $1,000,000
Contact: Tommy Gilder, 2025 White Springs Road, Glenwood, GA, 30428
Explanation: The program will provide funding for the testing of a vehicle smaller than a HMMWV that meets the safety, reliability, and durability needs of U.S. Soldiers deployed to remote operational environments like Afghanistan and Iraq.

Proposed Recipient: User Evaluation of the Extreme Terrain Vehicle (ETV) Mobile Utility Terrain Transport (MUTT) Vehicle
Amount: $3,500,000
Contact: Tommy Gilder, Georgia All Terrain Monsters (GA-ATM) Inc., 2025 White Springs Road, Glenwood, GA 30428
Explanation: The program will provide funding for the MUTT vehicle which is a multi-purpose, extreme-terrain, utility vehicle that meets the mission requirements of the Army, Marine Corps and Special Operations community jointly.

Proposed Recipient: Virtual Interactive Combat Environment (V.I.C.E.)
Amount: $4,900,000
Contact: David A. Slayton, Dynamic Animation Systems, Inc., 12015 Lee Jackson Hwy, Suite 200, Fairfax, VA 22033
Explanation: The funding will be used for a program that trains Soldiers to effectively perform full-spectrum operations to include the training of Warrior Tasks and Battle Drills (WTBD), Counter IED (C-IED) Training, cultural and situational awareness training, and Soldier sensor training.

Proposed Recipient: Wire Integrity Technology
Amount: $2,000,000
Contact: Mr. James Majewski, Vice President, US Technology Aerospace Corporation, 555 Allied Industrial Boulevard, Building 6A, Macon, GA 31206
Explanation: The funding will establish a program focusing on developing new equipment, materials, repair techniques, and expertise in wiring technology to prevent wiring related failures in aircraft and other vehicles.